BILL	OF QUANTITY OF ELECTRICAL WORKS N/W: FOR BANK OF INDIA, MIRGA			TRICAL	WORKS
				1	
A .	SUB HEAD-I (WIRING)				
В.	SUB HEAD-II (DISTRIBUTION BOARDS & PANELS)				
C.	SUB HEAD-III (SUPPLY OF FIXTURES & FANS)				
D.	SUB HEAD-IV (SUPPLY OF CABLE MAIN & SUBMAIN	1)			
E.	SUB HEAD-V (SUPPLY & MAKING OF EARTHPITS)				
	FOR BRANCH TOTAL-				
	G.S.T (Extra as applicable)				
SL. NO.	ITEM OF WORK	UNIT	QTY	RATE	AMOUNT
SUB HE	AD - I (WIRING)				
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq mm FR PVC insulated copper condtr single core cable in surface/ recessed PVC conduit with modular switch, modular plate, suitable GI box and earthing the 3rd point with 1.5 sqmm FR PVC insulated copper conductor single core cable etc as reqd.				
а	1 Light control & ,ceiling fan ,exhaust fan by 1 switch	Each	40		
b	2 Light control by 1 switch	Each	11		
2	Wall fan point with 6A 3 pin modular socket & 5/6 amps modular Wiring for A.C. Point with 2 x 4 sqmm FR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit / PVC Casing - n Capping along with one no 4 sq mm FR PVC insulated copper conductor single core cable for loop earthing as required.		12 120		
3	Sub main Wiring for Light D.B. with 4 x 4 sqmm FR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit / PVC Casing - n Capping along with 1X4 sq mm FR PVC insulated copper conductor single core cable for loop earthing as required.	Mtr.	20		
4	Sub Main Wiring from LT Panel to UPS Panel with 4 x 6 sqmm FR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit / PVC Casing - n Capping along with two no 4 sq mm FR PVC insulated copper conductor single core cable for loop earthing as required.	Mtr.	32		
5	Sub main Wiring between LT Panel to RAW feed D.B. with 2 x 6 sqmm FR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit / PVC Casing - n Capping along with one no 6 sq mm FR PVC insulated copper conductor single core cable for loop earthing as required.	Mtr.	18		
6	Wiring for UPS & RAW Power computer point with 2 x 2.5 sqmm FR PVC insulated copper conductor single core cable in surface/ recessed PVC conduit / PVC Casing - n Capping along with one no 2.5 sq mm FR PVC insulated copper conductor single core cable for loop earthing as required.	Mtr.	375		
7	Light Circuit wiring with 2 x 2.5 sqmm FR PVC insulated copper conductor single core cable surface/ recessed PVC conduit / PVC Casing - n Capping along with one no 2.5 sq mm FR PVC insulated copper conductor single core cable for loop earthing as required.		130		
				1	



Supply & fining suitable size GI box with modular plate and cover in socket outlet and 56 amps modular switch, connection, painting et als regd. Set 8 9 Supply & fining AC controller unit consisting of one no 25 amp AC metal box and recessed in varial as regd. 7 9 MCB and socket vullet, all fixed on a modular plate complete with metal box and recessed in varial as regd. 7 10 Supply & fining suitable size GI box with modular plate and cover in root on surface in recess lic pvdg & fixing 6 pin 15/16 amp modular socket outlet and 15/16 amps modular switch, connection, painting etc as regd. 5 11 Supply & fining of computer point with 3 no. 5 on 56 fits amp modular socket outlet and 15/16 amps wold ar switch, connection of amp modular socket with modular type switch for UBP Power and 2 no. 5 pin 56 amp modular socket with modular type switch for UBP Power and 2 no. 5 pin 56 amp modular socket with modular type switch for UBP Power and 2 no. 5 pin 56 amp modular socket with modular type switch for UBP Power and 2 no. 5 box with R-V45 socket to complete in all respect including cate and the R-V45 socket to complete in all respect including cate and the R-V45 socket to complete in all respect including cate and the R-V45 socket to complete in a respect condults as required. Set 0 14 Mcr. Housing box with R-V11 socket etc complete in a the answitch copper conductor, unammode telephone cable in the disting unificar/VC conduit an required. Set 0 14 Mcr. Housing box with R-V11 socket etc complete in a the set of the asme in case of recess						
9 Controller having overhoad protection stater, one no 20/25 amp SPN. Set 7 10 For an socket outlet, all fixed on a modular plate complete with metal box and recessed in wall as reqd. Image: Complete with modular plate complete with metal box and recessed in wall as reqd. 10 For to surface in recesses (ic pvdg & Kning 6 pin 15/16 amp modular switch, connection, painting etc as reqd. Set 4 11 Supply & fixing remote controlled call bell buzzer suitable for 230 V. AC/ Battery operated with remote type bell gush as reqd. nos. 1 12 Supply & fixing of computer point with 3 no. 5 pin 516 amp modular as reqd. Image: Complete plate and the special plate and plate plate plate and the special plate and the special plate and the special plate and plate plate plate and the special plate plate and the special plate plate plate and the special plate p	8	front on surface/ in recess i/c pvdg & fixing 5 pin 5/6 amp modular socket outlet and 5/6 amps modular switch, connection, painting etc	Set	8		
10 screed: Set 4 11 Supply & fixing remote controlled call bell buzzer suitable for 230 V nos. 1 11 AC/ Battery operated with remote type bell push as reqd. nos. 1 12 any modular socket with modular type switch hornonic laminated and the hornonic laminated socket with modular type switch hornonic laminated and the hornonic laminated socket with modular type switch hornonic laminated and the hornonic laminated and the hornonic laminated socket with modular type switch hornonic laminated and the hornonic laminated and the hornonic laminated socket with modular type switch hornonic laminated and the hornonic laminated socket with modular type switch hornonic laminated and the hornonic laminated socket with modular type switch hornonic l	9	controller having overload protection starter, one no 20/25 amp SPN MCB and socket outlet, all fixed on a modular plate complete with	Set	7		
11 AC/ Battery operated with remote type bell push as reqd. nos. 1 2 Supply & fixing of computer point with 3 no. 5 pin 5/6 anp modular socket with modular type switch phenolic laminated nos. 14 12 anp modular socket with modular type switch phenolic laminated nos. 14 3 box with RU-45 socket etc complete in all respect including cat-6 Data cable conduits, identification of the hub 38. 13 box with RU-45 socket etc complete in all respect including square face plate and MS. housing box with RU-11 socket tec complete in all respect conduits as required. Mrr. 14 MS. housing box with RU-11 socket etc complete in all respect conduits as required. (Each Section Head work station have 2 no. of RU 11 socket) Mrr. 15 Supplying and drawing 2 pair 0.5 sqmm FR PVC insulated mode annealed copper conductor, unarmored telephone cable in the existing surface/PVC conduit as required. Mrr. 0 16 Supplying and drawing fixing 8 SWG copper conductor wire for loop earthing as required. Mrr. 0 16 Supplying fixing of commissioning of 20 line Net-working hub all complete as required. Set. 0 16 Supplying fixing of following sizes of PVC conduit along with acces of recessed conduit as required in the adetached gland plate interconnections, phosphalatiaed and plate distribution to Mrr. 10 10 17 <td< td=""><td>10</td><td>front on surface/ in recess i/c pvdg & fixing 6 pin 15/16 amp modular socket outlet and 15/16 amps modular switch, connection, painting</td><td>Set</td><td>4</td><td>-</td><td></td></td<>	10	front on surface/ in recess i/c pvdg & fixing 6 pin 15/16 amp modular socket outlet and 15/16 amps modular switch, connection, painting	Set	4	-	
socket with modular type switch for UPS Power and 2 no. 5 pin 5/6 sheet suitable size PVC/GI. box. As per instruction of Bank/Ele.Er./as required. 14 S/F of approved make including square face plate and M.S. housing box with RJ-45 socket et complete in all respect including cat-6 Data cable conduits, identification of the hub 14 Bit AJ-45 socket Set. 16 Bit AJ-45 socket Set. 16 Supply & fixing of approved make including square face plate and M.S. housing box with RJ-1 socket etc complete in all respect conduits as required.(Each Section have 2 no. of RJ 11 Socket) Mir. 465 Bit Dy Supplying and drawing 2 pair 0.5 symm FR PVC insulated annealed cooper conductor, unramored telephone cable in the existing surface/PVC conduit as required. Mir. 0 Supply & fixing of following sizes of PVC conduit as required. Mir. 25 Supply & fixing of following sizes of PVC conduit along with accessories in surface/ recessel conduit as required. Mir. 10 Supplying and frawing Fixing & SWB copper conductal and with accessories in surface/ recessel conduit as required. Mir. 10 Supply & fixing of following sizes of PVC conduit along with accessories in surface/ recessel conduit as required. Mir. 10 Supply & fixing of following sizes of PVC conduit as the etable gland plate interconnections, phosphatised and powder paintel lic earthing etc as requi. (But without MCB / RCCB/Isolator) Mir.	11		nos.	1		
13 box with RJ-45 socket tex complete in all respect including cat-6 a) RJ-45 socket Set. a) RJ-45 socket Set. b) Cat-6 Data cable with PVC conduit Mtr. 4 Supply & fixing of approved make including square face plate and M.S. housing hox with RJ-11 socket acc complete in all respect conduits as required. (Each Section Head work station have 2 no. of RJ 11 Socket) a) RJ-11 socket Set. b) Supplying and drawing 2 pair 0.5 sqmm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/PVC conduit as required. 15 Supply & fixing 6 SWG copper conductor wire for loop earthling as required. 16 Supply & fixing of following sizes of PVC conduit along with accessories in surface/ recess i/c cutting the wall and making good the same in case of recessed conduit as required. a) 20 mm Mtr. 17 accessories in surface/ recessed complete with timed coper busber, neutral busber, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted ic earthing et as required ways three pole and neutral sheet steel MCB DB, 415 volts on surface/ recessed complete with timed coper busber, neutral busber, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted ic earthing to dor VTPN DB. 1 Supply % fixing 5 following ways three pole and neutral sheet steel MCB DB, 415 volts on surface/ recessed complete with timed coper busber, neutral busber, earth bar din bar detachable gland plate int	12	socket with modular type switch for UPS Power and 2 no. 5 pin 5/6 amp modular socket with modular type switch phenolic laminated sheet suitable size PVC/G.I. box. As per instruction of	nos.	14		
b) Cat-6 Data cable with PVC conduit Mtr. 465 Supply & fixing of approved make including square face plate and M.S. housing box with RU-11 socket etc complete in all respect conduits as required.(Each Section Head work station have 2 no. of RJ 11 Socket) iiii all respect in all respect in all respect conductor, unamored telephone cable in the existing surface/PVC conduit as required. 14 Supplying and drawing 7 pair 0.5 sqmm FR PVC insulated annealed copper conductor, unamored telephone cable in the existing surface/PVC conduit as required. Mtr. 0 15 supplying and drawing fixing 8 SWG copper conductor wire for loop existing surface/PVC conduit as required. Mtr. 25 16 Supply & fixing of following sizes of PVC conduit along with accessories in surface/ recess i/c cutting the wall and making good the same in case of recessed conduit as reqd. a) 20 mm Mtr. 10 b) 25 mm Mtr. 10 10 10 Supplying & Fixing following ways three pole and neutral sheet steel MCB DB, 415 volts on surface/ recessed complete with timed corepore busbar, neutral busbar, earth bar dia plate interconnections, phosphatised and powder painted i/c earthing et as reqd. (But without MCB / RCCB/Isolator) Each 1 a) Supplying & Fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB suitable for inductive load of following poles in the existing MCB DB suitable for inductive load of following poles in the existing MCB DB suitable for in	13	box with RJ-45 socket etc complete in all respect including cat-6 Data cable conduits, identification of the hub			~	
Supply & fixing of approved make including square face plate and M.S. housing box with RJ-11 socket etc complete in all respect conduits as required.(Each Section Head work station have 2 no. of RJ 11 Socket) Set 0 a) RJ-11 socket Set 0 b) Supplying and drawing 2 pair 0.5 sqmm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/PVC conduit as required. Set 0 15 Supply & fixing Commissioning of 20 line Net-working hub all complete as required. Mrr. 25 16 Supply & fixing of following sizes of PVC conduit along with accessories in surface/ recess i/c cutting the wall and making good the same in case of recessed conduit as reqd. Mtr. 10 17 Supply & fixing following sizes of PVC conduit along with accessories in surface/ recess complete with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted i/c earthing etc as reqd. (But without MCB / RCCB/Isolator) Mtr. 10 1 b) 4+12 Way double door VTPN DB. Each 1 2 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following soles in the existing MCB DB complete with connections, lesting and commissioning etc as reqd. 2 2 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, les			Set.	16		
14 M.S. housing box with RJ-11 socket etc complete in all respect conduits as required.(Each Section Head work station have 2 no. of RJ 11 Socket) Image: Section of Section Section Head work station have 2 no. of RJ 11 Socket a) RJ-11 socket Set. 0 b) Supplying and drawing 2 pair 0.5 sqmm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/PVC conduit as required. Mtr. 0 15 Supplying and drawing fixing 8 SWG copper conductor wire for loop earthing as required. Mtr. 25 16 Supply & fixing Commissioning of 20 line Net-working hub all complete as required. 0 0 17 accessories in surface/ recess i/c cuting the wall and making good the same in case of recess i/c cuting the wall and making good the same in case of recess i/c cuting the wall and making good the same in case of recessed conduit as reqd. Mtr. 10 10 TOTAL SUB HEAD-I Mtr. 10 11 Supplying & Fixing following ways three pole and neutral sheet steel with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted i/c earthing et as reqd. (But without MCB / RCCB/Isolator) 1 Each 1 1 c) 12 Way double door VTPN DB. Each 1 2 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB scomplete with connections, testing and c		 b) Cat-6 Data cable with PVC conduit 	Mtr.	465		
14 M.S. housing box with RJ-11 socket etc complete in all respect conduits as required.(Each Section Head work station have 2 no. of RJ 11 Socket) Image: Section of Section Section Head work station have 2 no. of RJ 11 Socket a) RJ-11 socket Set. 0 b) Supplying and drawing 2 pair 0.5 sqmm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/PVC conduit as required. Mtr. 0 15 Supplying and drawing fixing 8 SWG copper conductor wire for loop earthing as required. Mtr. 25 16 Supply & fixing Commissioning of 20 line Net-working hub all complete as required. 0 0 17 accessories in surface/ recess i/c cuting the wall and making good the same in case of recess i/c cuting the wall and making good the same in case of recess i/c cuting the wall and making good the same in case of recessed conduit as reqd. Mtr. 10 10 TOTAL SUB HEAD-I Mtr. 10 11 Supplying & Fixing following ways three pole and neutral sheet steel with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted i/c earthing et as reqd. (But without MCB / RCCB/Isolator) 1 Each 1 1 c) 12 Way double door VTPN DB. Each 1 2 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB scomplete with connections, testing and c						
b) Supplying and drawing 2 pair 0.5 sqmm FR PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/PVC conduit as required. Mtr. 0 15 Supplying and drawing fixing 8 SWG copper conductor wire for loop earthling as required. Mtr. 25 16 Supply & fixing Commissioning of 20 line Net-working hub all complete as required. Set. 0 17 accessories in surface/ recess i/c cutting the wall and making good the same in case of recessed conduit as reqd. Mtr. 10 17 accessories in surface/ recess i/c cutting the wall and making good the same in case of recessed conduit as reqd. Mtr. 10 17 D25 mm Mtr. 10 Image: Commission in the exist in the	14	M.S. housing box with RJ-11 socket etc complete in all respect conduits as required.(Each Section Head work station have 2 no. of				
annealed copper conductor, unarmored telephone cable in the existing surface/PVC conduit as required. Mtr. 0 15 Supplying and drawing fixing 8 SWG copper conductor wire for loop earthling as required. Mtr. 25 16 Supply & fixing Commissioning of 20 line Net-working hub all complete as required. Set. 0 17 accessories in surface/ recess i/c cutting the wall and making good the same in case of recessed conduit as reqd. Mtr. 10 17 accessories in surface/ recess i/c cutting the wall and making good the same in case of recessed conduit as reqd. Mtr. 10 20 mm Mtr. 10 Image: strain surface/ recessed complete with the same in case of recessed complete with the same in case of recessed conduit as reqd. Image: strain surface/ recessed complete with strain sheet steel strain strain sheet steel strain strain strain strain sheet steel strain strain strain strain sheet steel strain strain strain strain strain sheet steel strain strain strain strain sheet steel strain		a) RJ-11 socket	Set.	0		
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16 complete as required. Set. 0 17 accessories in surface/ recess i/c cutting the wall and making good the same in case of recessed conduit as reqd. Mtr. 10 a) 20 mm Mtr. 10 Mtr. 10 b) 25 mm Mtr. 10 Mtr. 10 SUBHEAD -I SUB HEAD -II (DISTRIBUTION BOARDS & PANELS) Supplying & Fixing following ways three pole and neutral sheet steel MCB DB, 415 volts on surface/ recessed complete with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted i/c earthing etc as reqd. (But without MCB / RCCB/Isolator) Each 1 b) 4+12 Way double door VTPN DB. Each 1 Each 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as reqd. a) 6/10 A 10 KA SP MCB "B" Each 1 42 b) 40 A 10 KA SP MCB "B" Each 1 42 b) 40 A 10 KA SP MCB "C" Each 1 42	15		Mtr.	25		
17 accessories in surface/ recess i/c cutting the wall and making good the same in case of recessed conduit as reqd. Mtr. 10 a) 20 mm Mtr. 10 Mtr. 10 b) 25 mm Mtr. 10 Mtr. 10 SUB HEAD - II (DISTRIBUTION BOARDS & PANELS) Supplying & Fixing following ways three pole and neutral sheet steel MCB DB, 415 volts on surface/ recessed complete with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted i/c earthing etc as reqd. (But without MCB / RCCB/Isolator) Each 1 Each 2 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as reqd. 42 42 b) 40 A 10 KA SP MCB "B" Each 1 42	16		Set.	0		
b) 25 mm Mtr. 10 TOTAL SUB HEAD-1 SUB HEAD - II (DISTRIBUTION BOARDS & PANELS) Supplying & Fixing following ways three pole and neutral sheet steel MCB DB, 415 volts on surface/ recessed complete with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted i/c earthing etc as reqd. (But without MCB / RCCB/Isolator) Each 1 b) 4+12 Way double door VTPN DB. Each 2 c) 12 Way double door SPN DB. Each 2 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as reqd. 4) 6/10 A 10 KA SP MCB "B" Each 42 b) 40 A 10 KA FP MCB "C" Each 1 42	17	accessories in surface/ recess i/c cutting the wall and making good the same in case of recessed conduit as reqd.				
TOTAL SUB HEAD-I Interview Intervie		· · · · · · · · · · · · · · · · · · ·	Mtr.	10		
SUB HEAD - II (DISTRIBUTION BOARDS & PANELS) Supplying & Fixing following ways three pole and neutral sheet steel MCB DB, 415 volts on surface/ recessed complete with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted i/c earthing etc as reqd. (But without MCB / RCCB/Isolator) Each 1 b) 4+12 Way double door VTPN DB. Each 2 c) 12 Way double door SPN DB. Each 2 supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB Each 2 a) 6/10 A 10 KA SP MCB "B" Each 42 42 b) 40 A 10 KA FP MCB "C" Each 1		b) 25 mm	Mtr.	10		
Supplying & Fixing following ways three pole and neutral sheet steel MCB DB, 415 volts on surface/ recessed complete with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted i/c earthing etc as reqd. (But without MCB / RCCB/Isolator) Each 1 b) 4+12 Way double door VTPN DB. Each 1 c) 12 Way double door SPN DB. Each 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB Each 2 a) 6/10 A 10 KA SP MCB "B" Each 1 1 b) 40 A 10 KA FP MCB "C" Each 1 1		TOTAL SUB HEAD-I				
Supplying & Fixing following ways three pole and neutral sheet steel MCB DB, 415 volts on surface/ recessed complete with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted i/c earthing etc as reqd. (But without MCB / RCCB/Isolator) Each 1 b) 4+12 Way double door VTPN DB. Each 1 c) 12 Way double door SPN DB. Each 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB Each 2 a) 6/10 A 10 KA SP MCB "B" Each 1 1 b) 40 A 10 KA FP MCB "C" Each 1 1	SUB HE	AD - II (DISTRIBUTION BOARDS & PANELS)				
c) 12 Way double door SPN DB. Each 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as reqd. Image: Complete with connections, testing and commissioning etc as reqd. a) 6/10 A 10 KA SP MCB "B" Each 42 b) 40 A 10 KA FP MCB "C" Each 1		Supplying & Fixing following ways three pole and neutral sheet steel MCB DB, 415 volts on surface/ recessed complete with tinned copper busbar, neutral busbar, earth bar din bar detachable gland plate interconnections, phosphatised and powder painted i/c				
c) 12 Way double door SPN DB. Each 2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as reqd. Image: Complete with connections, testing and commissioning etc as reqd. a) 6/10 A 10 KA SP MCB "B" Each 42 b) 40 A 10 KA FP MCB "C" Each 1		h) 1+12 Way double door VITPN DB	Eart	4		
2 Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc as reqd. Image: Complete with connections, testing and commissioning etc as reqd. a) 6/10 A 10 KA SP MCB "B" Each 42 b) 40 A 10 KA FP MCB "C" Each 1						
b) 40 A 10 KA FP MCB "C" Each 1	2	Supply & fixing 5 amps to 32 amps rating 240 V 'C' series MCB suitable for inductive load of following poles in the existing MCB DB		2		
b) 40 A 10 KA FP MCB "C" Each 1		a) 6/10 A 10 KA SP MCB "B"	Fach	10		
		,				
			Each	Z		



	Supply & fixing of indoor cubicle extensible type fully compartmentalized Distribution panel suitable for operation on 415 volts 50 Hz 3 phase 4 wire AC distribution system, suitable for 35 KA short circuit rating, confirming to IP:42 degree of protection, made up of 1.6 mm thick CRCA sheet, wall/ floor mounted, dust & vermin proof enclosure, having hinged and earthed cover on front, having neoprene gasket/ katings stuck to the doors, duly painted with 65- 75 microns thick dry epoxy powder paint after 7 tank process of degreasing, derusting etc comprising of the following switchgears complete with all interconnections with suitable size of copper strip/hard drawn PVC insulated copper cable i/c keeping the panel in position, minor civil works as necessary, painting, sign writing etc complete as required (as per specifications of Panel attached) TEST REPORT: FOLLOWING REPORTS HAVE TO BE PROVIDED BY THE VENDOR AT THE TIME OF SUBMISSION OF BILL:. 1) FINAL AS BUILT PLAN IN THREE COPIES DRAWN TO THE SCALE, PRINTED IN CASE OF CAD AND BLUE PRINT, IN CASE OF MANUAL DRAWING. 2) QUALITY REPORT INDICATING THE ITEMS USED WITH THEIR MAKES. 3) PANEL MANUFACTURER'S CPRI TEST REPORT. 4) ROUTINE TEST REPORT OF PANEL FOR IR & HV TEST. 5) GUARANTEE/WARRANTY CARD OF PANEL MANUFACTURER.(Panel Size- H-1400mm, W-900mm & D- 300mm) INCOMING: a) 125 amp 4 pole MCCB not less than 25 KA having Thermo magnetic type release for a range of 80% to 100% for Overload and				
	short circuit complete with rotary handle etc as reqd.: 1 no				
	b)63 amp 4 pole heavy duty I-II-I type cubicle changeover switch: 1 no				
	METERING:				
	a) Multifunctional meter displaying A/V/PF & Hz along with 3 nos				
	Suitable size CTs & HRC type protection fuse etc as reqd: 1 nos				
	c) LED type phase indicationg lamp in phase distinguishing colors				
	with HRC fuse : 6nos				
	BUS BAR:				
	Main Bus Bar: 4 strip 200 amp bus bar made of electrical grade aluminium strip enclosed in separate bus bar chamber, provided with DMC/ SMC bus bar support duly insulated with heat shrinkable sleeves in distinct colours as reqd: 1 set Emergency Load Bus Bar: 4 strip 150 amp bus bar made of				
	electrical aluminium copper strip enclosed in separate bus bar				
	chamber, provided with DMC/ SMC bus bar support duly insulated with heat shrinkable sleeves in distinct colours as reqd: 1 set				
	OUTGOINGS:				
	40 amp, 10 KA D Series FP MCB : 1 nos.				
	40 amp, 10 KA D Series DP MCB: 4 nos.				
	25 amp 10 KA C series SPN MCB: 9 nos.				
	63 A rotary type Phase selector: 2 no				
3	63 amp DP Manual Change Over For UPS Charging-1 nos.	Set	1		



					-
	SITC of indoor cubicle type UPS panel suitable for operation on				
	415 volts 50 Hz, 3 phase 4 wire AC distribution system, AC supply,				
	suitable for 35 KA short circuit rating, confirming to IP:42 degree of				
	protection, made up of 1.6 mm thick CRCA sheet, wall/ floor				
	mounted, dust & vermin proof enclosure, having hinged and earthed				
	cover on front, having neoprene gasket/ katings stuck to the doors,				
	duly painted with 65-75 microns thick dry epoxy powder paint after 7				
	tank process of degreasing, derusting etc comprising of the following				
	switchgears complete with all interconnections with suitable size of				
	copper strip/hard drawn PVC insulated copper cable i/c keeping the				
	panel in position, minor civil works as necessary, painting, sign				
	writing etc complete as required. (as per specifications of Panel				
	attached)				
	INCOMING:				
	a) 40 amp FP MCB 10 KA D series.: 1 no.				
	b) 63 amp Phase Selector- 1 no.				
	METERING:				
				-	
	a) Digital Volt meter displaying voltage with 3 nos HRC type				
	protection fuse etc as reqd: 1 nos				
	UPS INPUT & OUT PUT				
1	b) 6/10 A 10 KA SP MCB "B": 3 nos for NETWORK SWITCH,				
1	CCTV & FIRE ALARM SYSTEM to be connected with required				
L	wiring with UPS output				
L	UPS INPUT & OUT PUT				
	3 no 40 A SPN MCB 10KA with 3 no 40 amp Industrial type socket				
	out let and Top with connection o/g MCB with PVC insulated copper				
1	conductor wire as required (For 2 no. main input and 1 no. output)				
		<u> </u>			
	OUTGOINGS:				
4	a) 40 amp SPN MCB 10 KA B Series: 2 nos	nos.	1		
		1.00.			
	_				
	TOTAL SUB HEAD-II			-	
SUB HE	AD - III (SUPPLY OF FIXTURES & FANS)		-		
	Linguistic installation testing & fiving of atomned time electronic for				
4	Supplying, installation, testing & fixing of stepped type electronic fan		2		
1	regulator on the existing modular plate switch box i/c connection but	∟acn	3	1	
	Line in it is a				
	excluding modular plate etc as reqd.				
	Supplying, installation, testing & fixing of 36W LED CRCA white				
	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with				
2	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire		17		
2	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate	Each	17		
2	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect	Each	17		
2	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate	Each	17		
2	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd.	Each	17		
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	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete	Each			
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	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete	Each			
	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by	Each			
	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by	Each			
	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required.	Each			
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3	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper	Each Each Each Each	22 9		
3 4 5	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy	Each Each Each Each	22 9 3		
3 4 5	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper	Each Each Each Each	22 9 3		
3 4 5	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd.	Each Each Each Each Each	22 9 3		
3 4 5 6	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd.	Each Each Each Each Each	22 9 3 3		
3 4 5	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd. Supplying, installation, testing & fixing of oscillating and tilting type wall bracket fan of 400 mm sweep i/c fixing the same on wall,	Each Each Each Each Each	22 9 3		
3 4 5 6	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W, MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd.	Each Each Each Each Each	22 9 3 3		
3 4 5 6	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd. Supplying, installation, testing & fixing of oscillating and tilting type wall bracket fan of 400 mm sweep i/c fixing the same on wall,	Each Each Each Each Each	22 9 3 3		
3 4 5 6	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W, MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd. Supplying, installation, testing & fixing of oscillating and tilting type wall bracket fan of 400 mm sweep i/c fixing the same on wall, connection with 1.5 sqmm PVC insulated copper conductor, testing, commissioning etc as required.	Each Each Each Each Each Each	22 9 3 3		
3 4 5 6 7	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd. Supplying, installation, testing & fixing of oscillating and tilting type wall bracket fan of 400 mm sweep i/c fixing the same on wall, connection with 1.5 sqmm PVC insulated copper conductor, testing, commissioning etc as required. Supply and installation of flexible LED strip light complete with driver	Each Each Each Each Each Each	22 9 3 3 0		
3 4 5 6	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W, MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd. Supplying, installation, testing & fixing of oscillating and tilting type wall bracket fan of 400 mm sweep i/c fixing the same on wall, connection with 1.5 sqmm PVC insulated copper conductor, testing, commissioning etc as required.	Each Each Each Each Each Each	22 9 3 3		
3 4 5 6 7	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd. Supplying, installation, testing & fixing of oscillating and tilting type wall bracket fan of 400 mm sweep i/c fixing the same on wall, connection with 1.5 sqmm PVC insulated copper conductor, testing, commissioning etc as required. Supply and installation of flexible LED strip light complete with driver	Each Each Each Each Each Each	22 9 3 3 0		
3 4 5 6 7	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd. Supplying, installation, testing & fixing of oscillating and tilting type wall bracket fan of 400 mm sweep i/c fixing the same on wall, connection with 1.5 sqmm PVC insulated copper conductor, testing, commissioning etc as required. Supply and installation of flexible LED strip light complete with driver	Each Each Each Each Each Each	22 9 3 3 0		
3 4 5 6 7	Supplying, installation, testing & fixing of 36W LED CRCA white powder coacated housing with ABS plastic bottom frame with electronic driver duly wired up to the terminal block, luminaire suitable for armstrong ceiling and grid ceiling complete with separate electronic driver.As approved make by Electrical consultant/architect etc as reqd. Supplying of recess mounted circular LED (dia-6") downlighter 9/12 Watt LED suitable for armstrong ceiling and grid ceiling complete with separate electronic drive/approved make by architect/Ele.Consultant etc as required. Supplying, installation, testing & fixing of 1X36 W (TMS021 1XTL- D36-28W , MAKE-PHILIPS) tube light fitting powder coated batten with PC tube (1XTL-36W, MAKE-PHILIPS) Supplying, installation, testing & fixing of Exhaust fan 300mm sweep HEAVY DUTY EXHAUST make- CROMPTON / approved Supplying, installation, testing & fixing of 1200 mm sweep energy efficient ceiling fan, connection with 1.5 sqmm PVC ins copper condtr, testing, commissioning etc as reqd. Supplying, installation, testing & fixing of oscillating and tilting type wall bracket fan of 400 mm sweep i/c fixing the same on wall, connection with 1.5 sqmm PVC insulated copper conductor, testing, commissioning etc as required. Supply and installation of flexible LED strip light complete with driver	Each Each Each Each Each Each	22 9 3 3 0		



SUB HE	AD -IV (SUPPLY OF CABLE MAIN & SUBMAIN)				
1	Supply & laying for sub main from L.T line & DG line following sizes and core PVC/XLPE insulated PVC sheathed, heavy duty, armored electrical cable with aluminum conductor for working voltage up to and including 1100 volts.(Conforms tolS:1554.part-1) with 8 no. SWG die bare copper conductor wire for loop earthling, proper laying on wall or roof, thumbnail clipping and use proper size cable gland for cable sport etc. as required. all complete as per instructions of Elec.Er. / Architect.				
	(i) 25 sq mm,3.5 core(L.T. Main)	Mtr.	5		
	TOTAL SUB HEAD-IV			-	
SUB HE	AD - V (SUPPLY & MAKING OF EARTHPITS)				
1	Earthing with GI earth plate 600mm x 600mm x 6 mm thick accessories and pdg masonary enclosure with cover plate having locking arrangement and watering pipe etc (but without charcoal or coke and salt) complete as required.		2		
2	Extra for using charcoal and sal for GI / copper earth plate electrode as required (96 Kg charcoal & 5 Kg salt)	Set	2		
3	Providing & laying earth connection from earth electrode with 6 SWG dia GI wire in 15 mm dia. GI pipe from earth electrode as required.		20		
4	S/L 6 SWG G.I.wire on surface or in recess as reqd.	Mtr.	25		
7			20		
5	Earthing with CU earth plate 600mm x 600mm x 3 mm thick accessories and pdg masonary enclosure with cover plate having locking arrangement and watering pipe etc (but without charcoal or coke and salt) complete as required.		1		
	Extra for using charcoal and sal for copper earth plate electrode as	Set	1		
6	required	UCI	1		
7	Providing & laying earth connection from earth electrode with 4 mm dia copper wire in 15 mm dia. GI pipe from earth electrode as required.		20		
			10		
8	S/L 4 mm dia copper wire on surface or in recess as reqd. Dismantle & Removal of all existing electrical items i.e. wiring,wall	Mtr.	18	<u> </u>	
9	fans, ceiling fans lights, DB's, Main Panel etc.of Branch ,debris from site, carrying and disposal of malba to dumpyard. as per bank/branch incharge direction.	.umpsur	1	-	
10	KIT-KUT:- Supply and fitting of 3 nos. 200 Amp. Porcelien Kit Kut on suitable size of wooden board including connections etc. as required.		1		
	TOTAL SUB HEAD-V				

